

KUKA



Fast. Accurate. Compact.

Extremely Clean.

KR AGILUS cleanroom.

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HIGHEST CLEANLINESS FOR HIGHEST PERFORMANCE. The KR AGILUS cleanroom meets the requirements of cleanroom class ISO2 and is therefore optimized for the requirements of cleanroom applications. Special powder coating, extremely smooth surfaces and seals on every axis ensure that the strict cleanroom criteria of Fraunhofer Institute are met.

PRECISION, HIGH SPEED, FLEXIBILITY. As one of the world's fastest small robots, it executes motions precisely and with the greatest repeatability. Symmetrical mechanical structure enables low space requirements and integrated energy supply system takes care of streamlined contours. No matter if floor, wall or ceiling mounting is needed, KR AGILUS cleanroom can be integrated into even the smallest spaces and most complex applications.



	KR 6 R700 sixx CR	KR 6 R900 sixx CR	KR 10 R900 sixx CR	KR 10 R1100 sixx CR
Max. reach	706.7 mm	901 mm	901.5 mm	1,101 mm
Max. payload	6 kg	6 kg	10 kg	10 kg
Pose repeatability	±0.03 mm	±0.03 mm	±0.03 mm	±0.03 mm
Number of axes	6	6	6	6
Mounting position	floor, ceiling, wall	floor, ceiling, wall	floor, ceiling, wall	floor, ceiling, wall
Robot footprint	209 mm × 207 mm			
Weight (excluding controller), approx.	50 kg	52 kg	52 kg	54 kg



Axis data / Range of motion

Axis 1 (A1)	+/-170°
Axis 2 (A2)	+45°/-190°
Axis 3 (A3)	+156°/-120°
Axis 4 (A4)	+/-185°
Axis 5 (A5)	+/-120°
Axis 6 (A6)	+/-350°

Operating conditions

Ambient temperature, robot	+5 °C to +45 °C
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Protection rating

Protection rating, robot	IP 54
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Cleanroom class

Acc. to ISO 14644-1	ISO2
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Controller	KR C4 compact
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Teach pendant	KUKA smartPAD
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KUKA Roboter GmbH

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